

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

June 24, 1993

Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078

RE: APPLICATION FOR PERMIT TO DRILL

CHAPITA WELLS UNIT 363-14N SECTION 14, T9S, R22E

UINTAH COUNTY, UTAH LEASE NO. U-0282

Dear Mr. Forsman:

Enclosed are the original and two (2) copies of the Application for Permit to Drill and associated attachments for the referenced well.

If further information is required regarding this matter, please contact this office.

Sincerely,

ENROW OIL & GAS COMPANY

George R. McBride

Sr. Production Foreman

Attachments

State Division of Oil, Gas & Mining D. Weaver/T. Miller

Suzanne Saldivar

File

JUL 0 8 1993

DIVISION OF O'L GAS & MINING

/1w CWU363-14NAPD Form 3160-3 (November 1983) (formerly 9-331C)

CONDITIONS OF APPROVAL, IF ANT:

SUBMIT IN TRIPLICATE.

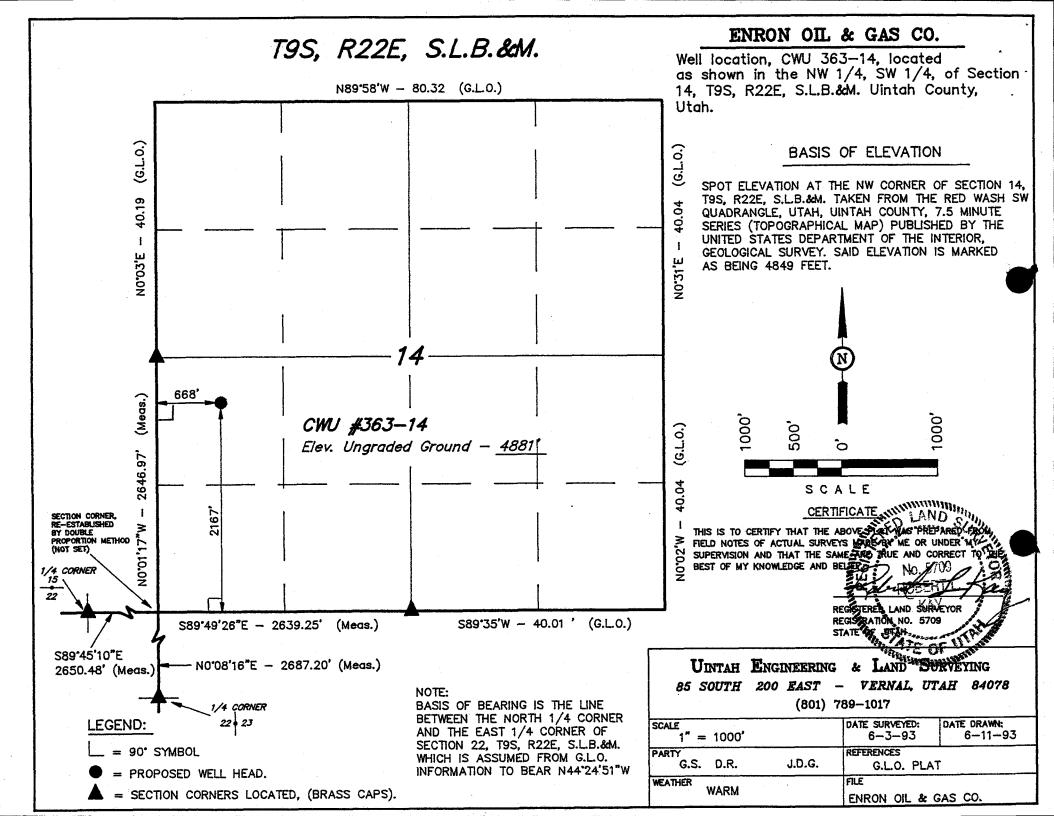
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

(Other instructions on reverse side) UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU OF	LAND MANA	GEME	T		บ-0282
APPLICATION	Y FOR PERMIT	TO DRILL,	DEEP	EN, OR PLUG E	BACK.	6. IF INDIAN, ALLOTTER OR TRIBE HAMB
1a. TYPE OF WORK				PLUG BA		7. UNIT AGREEMENT NAME
b. TYPE OF WELL		DEEPEN	L	PLUG BA	CK L	CHAPITA WELLS UNIT
	ELL X OTHER			INGLE MULTIP	LB	8. FARM OR LEASE NAME
WELL W 2. NAME OF OPERATOR	ELL X OTHER			UNE 2015		CHAPITA WELLS UNIT
	GAS COMPANY					9. WELL NO.
3. ADDRESS OF OPERATOR	0.10 001111111					363-14N
P.O. BOX 18	15, VERNAL, U	JTAH 840	78			10. FIELD AND POOL, OR WILDCAT
4. LOCATION OF WELL (R	eport location clearly and	in accordance wi	th any	State requirements.*)		CWU/WASATCH
At surface	CCOL TOTAL NI	a / CTa				11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
2167 FSL & At proposed prod. son		N/SW				SEC. 14, T9S, R22E
4. DISTANCE IN MILES	IND DIRECTION FROM NEA	REST TOWN OR POS	T OFFIC	24		12. COUNTY OR PARISH 13. STATE
	SOUTHEAST OF					UINTAH UTAH
15. DISTANCE FROM PROPU	8ED*	OURAL, O	16. N	O. OF ACRES IN LEASE		OF ACRES ASSIGNED
PROPERTY OR LEASE L	INE, PT.	668'		2440	TOT	HIS WELL 80
(Also to nearest drig			19. PI	ROPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS
TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED,	1356'±		7000 '	RC	TARY
21. ELEVATIONS (Show Whe			!		<u>' </u>	22. APPROX. DATE WORK WILL START*
4879' GRADE						AUGUST 1993
3.	I	PROPOSED CASI	NG ANI	D CEMENTING PROGRA	M	
SIZE OF HOLE	BIZE OF CASING	WEIGHT PER F	007	SETTING DEPTH	1	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0	‡	240'	125	SX CLASS "G" + 2% CaC
7 7/8"	4 1/2"	10.5	<u> </u>	7000'	<u> </u>	#/SX CELLOFLAKE. 50/5
SEE ATTACHM 8 POINT PLAI DRILLING PR	N	R		0 8 1993	TO 4 OF I LIGH + LC SHAL	IIX + 2% GEL + 10% SALT 00' ABOVE ALL ZONES NTEREST (+ 10% EXCESS) IT CEMENT (11 PPG±) IM TO 200' ABOVE OIL IE OR FRESH WATER RVALS (+ 5% EXCESS).
BOP SCHEMAT	IC			SIONOF		
SURFACE USE	AND OPERATIN	IG PLAN (". CA	S & MININC		
LOCATION PL	AT					
LOCATION LA	TUOY					
TOPOGRAPHIC	MAPS "A", "E	B" AND "C'				
WELLSITE SC						COMPANY WILL BE THE
	MAP "D" GAS	SALES				TOR OF THE SUBJECT
PIPELINE				WELL UNDER	NATIO	N WIDE BOND #81307603.
one. If proposal is to reventer program, if any	drill or deepen directions	proposal is to deep lly, give pertinen	pen or j	olug back, give data on pr on subsurface locations an	esent prod d measure	uctive sone and proposed new productive d and true vertical depths. Give blowout
4. SIGNED HAIN	w S. Wal	TI	rl e	SR ADMIN. CA	PROV	ED BY THE STATE
(This space for Feder	al or State office use)				OF UT	AH DIVISION OF
12	3.0.7.3.1.13	5		Č	DIL, G	AS AND MINISTER
PERMIT NO. 4	<u> </u>	ن		APPROVAL DATE DAT		The Milly NG
					L	The state of the s
APPROVED BY		TI	rl s	BY:_		1/Y DY 1/1/1/11

WELL SPACING



EIGHT POINT PLAN

CHAPITA WELLS UNIT 363-14N SECTION 14, T9S, R22E UINTAH COUNTY, UTAH

1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS & WATER ZONES:

FORMATIONS	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River			
Oil Shale	1,762'		
"H" Marker	3,207′		
"J" Marker	3,873′		
Base "M" Marker	4,451′		
Wasatch			
Peters Point	4,827′	Gas	2,200 PSI
Chapita Wells	5,357′	Gas	2,400 PSI
Buck Canyon	5,917′	Gas	2,700 PSI
Island	6,840′		
EST. TD	7,000′	Anticipated BHP	3,200 PSI

All depths are based on estimated KB elevation 4,891'. Maximum pressure estimates are based on bottom hole pressures measured on offset or near vicinity wells to the subject well.

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

				MINIMUM SAFETY FACTOR
HOLE SIZE	INTERVAL	LENGTH SIZE	WEIGHT GRADE	COLLAPSE BURST TENSILE
12 1/4"	0' -240'	240' 8 5/8"	24.0# J-55 ST&C	1370 PSI 2950 PSI 263,000#
7 7/8"	0'-7000'	7000′ 4 1/2"	10.5# J-55 ST&C	4010 PSI 4790 PSI 146,000#

All casing to be used will be new or inspected.

5. MUD PROGRAM:

MUD TYPE
Air
Air/Mist & Aerated Water
Air/3% KCl water or KCl substitute
Gel/polyacrylamide polymer w/5-10% LCM

EIGHT POINT PLAN

CHAPITA WELLS UNIT 363-14N PAGE NO. 2

Lost circulation probable from 1500' to $3000'\pm$. Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. VARIANCE REQUESTS:

- A. Enron requests a variance to regulations requiring a straight run blooie line. (Where possible a straight run blooie line will be used, and where it is not possible two targeted tees will be used).
- B. Enron requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).

7. EVALUATION PROGRAM:

Logs:

Dual Laterolog/GR FDC-CNL/GR/Caliper From base of surface casing to TD.

TD to 3100'.

Linear 2" DLL.

Cores:

None Programmed.

DST': None Programmed.

Completion: To be submitted at a later date.

8. ABNORMAL CONDITIONS:

None anticipated.

9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

Attachment: BOP Schematic Diagram

CWU363-14NPP

/LW



CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

DIVISION OF C" GAS & MINING

Company/Operator:	ENRON OIL & GAS COMPANY					
Well Name & Number:	CHAPITA WELLS UNIT 363-14N					
Lease Number:	U-0282					
Location: 2167' FSL	<u>& 668' FWL NW/SW Sec. 14 T. 9S R. 22E</u>					
Surface Ownership: _	FEDERAL LANDS - BLM					

NOTIFICATION REQUIREMENTS

Location Construction -

forty-eight (48) hours prior to construction of location and access roads.

Location Completion

prior to moving on the drilling rig.

Spud Notice

at least twenty-four (24) hours prior to spudding

the well.

Casing String and Cementing

twenty-four_(24) hours prior to running casing and

cementing all casing strings.

BOP and related Equipment Tests

twenty-four (24) hours prior to running casing and

tests.

First Production Notice

within five (5) business days after new well begins or production resumes after well has been off

production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing road.

B. The proposed well site is located approximately 16.7 miles southeast

of Ouray, Utah - See attached TOPO Map "A".

C. Refer to attached Topographic Map "A" showing labeled access route to location.

D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be 0.6 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/18 foot running surface.

C. Maximum grade on access road will be 5%.

D. No turn outs will be required.

E. Road drainage crossings shall be of the typical dry creek drainage crossing type.

F. No culverts, bridges or major cuts & fills will be required.

G. The access road will be dirt surface.

H. No gates, cattleguards or fences will be required or encountered.

New or reconstructed roads will be centerline - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossing shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

No Right-of-Way applications will be required.

As operator Enron Oil & Gas Company shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF з. PROPOSED WELL LOCATION

Water wells - None. Α.

Abandoned wells - None В.

Temporarily abandoned wells - None C.

D. Disposal wells - None

Drilling wells - None Ε.

Producing wells - Eleven - See attached TOPO Map "C" for location of F. producing wells.

Shut in wells - None G.

Injection wells - None Н.

LOCATION OF EXISTING/AND OR PROPOSED FACILITIES

ON WELL PAD Α.

Tank batteries - None 1.

Production facilities will be set on location if well is 2. successfully completed for production. Facilities will consist of well head & valves, separator, dehy, 210 BB1 condensate tank, meter house and attaching piping. See attached facility diagram.

Oil gathering lines - None 3.

A 3 1/2" gathering line will be buried from dehy to south 4. edge of location.

Injection lines - None 5.

- Disposal lines None 6.
- Surface pits None

OFF WELL PAD В.

Proposed location of attendant off pad gas flowlines shall 1.

be flagged prior to archaeological clearance.

A 4 1/2" OD steel above ground natural gas pipeline will be 2. laid approximately 1400' from proposed location to a point in the SW/SW of Sec. 14, T9S, R22E where it will tie into Questar Pipeline Co.s' existing line. Proposed pipeline crosses BLM administered lands within the Chapita Wells Unit, thus no Right-of-Way grant will be required. See attached Exhibit A showing pipeline route.

Proposed gas gathering pipeline will be a 4 1/2" OD steel, 3.

welded line laid on the surface.

Protective measures and devices for livestock and wildlife 4. will be taken and or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire content of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the west side of location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Carlsbad Canyon. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

LOCATION & TYPE OF WATER SUPPLY 5.

- Water supply will be from Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.s' water source in the SW/SW Sec. 35, T9S, R22E, Uintah County, Utah (State water right #49-1501). Water will be hauled by Target Trucking Inc.
- В.
- No water well will be drilled on lease. С.

SOURCE OF CONSTRUCTION MATERIAL 6.

- All construction material for this location and access road will be of native borrow and soil accumulated during the construction of location.
- All construction material will come from Federal Land. В.
- С. No mineral materials will be required.

METHODS OF HANDLING WASTE DISPOSAL 7.

- METHODS AND LOCATION
 - Cuttings will be confined in the reserve pit. 1.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - Burning will not be allowed. Trash and other waste material 3. will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - Produced waste water will be confined to a lined pit or 4. storage tank for a period not to exceed 90 days after initial production. During the 90 days period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval
 - All chemicals will be disposed of at an authorized disposal 5. site. Drip pans and absorbent pads will be used on drilling rig to avoid leakage of oil to pit.

B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to reserve pit will be avoided by flaring them off in flare pit at time of recovery.

Burning will not be allowed. all trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. The reserve pit shall be lined.

After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

9. WELL SITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills & cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approve on On-site.
- C. Refer to attached well site plat for rig orientation parking areas, and access road.

The reserve pit will be located on the east side of location.

The flare pit will be located downwind of the prevailing wind direction on the east side of location a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the west side.

Access to the well pad will be from the north.

	Diversion ditch(es) shall be construct on the south side of the
	location below the cut slope, draining to the west.
NA_	Soil compacted earthen berm(s) shall be placed on the
	side(s) of the location between the
NA_	The drainage(s) shall be diverted around the side(s) of the well pad
	location.
<u>NA</u>	The reserve pit and/or pad locations shall be constructed long and
	narrow for topographic reasons

NA_		_corner	of	the	well	pad	will	be	rounded	off	to
	avoid the							٠.			

FENCING REQUIREMENTS

All pits will be fenced according to the following minimum standards:

- A. 39 inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total eight of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16'.
- E. All wire shall be stretched by using a stretching device before is be attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly travelled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on federal land, or any fence between federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

10. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc., will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE	OWNERSHIP
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Access road:	<u>Federal</u>	
Location: _	Federal	

12. OTHER INFORMATION

- A. Enron Oil & Gas Company will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
 - -whether the materials appear eligible for the National Register of historic Places;
 - -the mitigation measures the operator will likely have to undertake before the site can be used.
 - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
 - -if the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guideline for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.
- B. As operator Enron Oil & Gas Company will control noxious weeds along Right-of-Ways for roads, pipelines, well sites or other applicable facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for for stacking and storing drilling rigs.)

Add:	ition	nal Surface Stipulations
	<u>NA</u>	No construction or drilling activities shall be conducted between and because of
		and
	21.5	
		No surface occupancy will be allowed within 1,000 feet of any sage grouse strutting ground.
		No construction or exploration activities are permitted within 1.5 mile radius of sage grouse strutting grounds from April 1 to June 30
		There shall be no surface disturbance within 600 feet of live water (includes stock tanks, springs, and guzzlers).
		No cottonwood trees will be removed or damaged. Pond will be constructed according to BLM specifications
	11/4	approximatelyftof the location, as flagged

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Enron Oil and Gas Company P.O. Box 1815 Vernal, Utah 84078 George McBride Telephone: (801) 789-0790

Enron Oil and Gas Company P.O. Box 250 Big Piney, Wyoming Jim Schaefer Telephone: (307) 276-3331

All lease/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Enron Oil & Gas Company is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the Plan are to the best of my knowledge, true and correct; and that the work associated with the operations proposed here in will be performed by ENRON OIL & GAS COMPANY and its contractors and sub-contractors in conformity with this Plan and the terms and conditions under which it is approved.

6//24/93 DATE

GEORGE R. MCBRIDE

SR. PRODUCTION FOREMAN

lw CWU363-14NPP



DRILLING PROGRAM

	Da	te: Jun	e 8. 1993
	REVISION NO. & DA	TE:	
PROSPECT: Chapita Wells Unit	LEASE:		
WELL NAME & NUMBER: Chapita Wel	ls Unit 363-14N		
HELL CLASSIFICATION: DW-GAS ANTICIPA	ATED PRODUCTION: OI	LGAS_X_	OTHER
OCATION CALL: 2167' FSL & 668'	FWL (NW SW) (est)		
Section 14, T9S, F	₹22E		
Uintah County, Uta	ah .		
LEVATION: 4870' GL, 4882' KB (es	stimated)		
IRECTION LIMITATIONS: Maximum devia	tion for the hole	will be 6° w	/no more
han a 1°/100' dogleg severity. See	page number 4 for	distance bet	ween
urveys.			
YPE RIG: Land Rotary APPROVED DEPI	TH: 7000' PE	RMIT DEPTH:_	70001
ONDUCTOR NEEDED? No If yes, size	£ how set:		· · · · · · · · · · · · · · · · · · ·
			·
RITERIA FOR DETERMINING CASING SEAT	FOR CRITICAL STRIN	GS: WOC over	night
	* * *		
efore cutting off surface casing to	weta on nead.		
STANDS (DEDME C MUDE).			
ENTRALIZERS (DEPTH & TYPE):			
urface - One 5-10' above shoe & top	of first, second	& fourth joi	nt.
	c every third colla	r to 4500/+	



DIVISION OF C''... GAS & MINING

WELL NAME: Chapita Wells Unit 363-14N

STAGE COLLARS, BASKETS, OTHER SPECIAL EQUIPMENT:
Surface - Guide shoe
Production - Guide shoe and differential fill float collar with top plug.
Marker collars @ 4000'± and 5000'±.
PUMPING RATES/SPECIAL INSTRUCTIONS: Circulate casing two hours prior to
cementing. Reciprocate casing.
LOGGING PROGRAM: DLL/GR from TD to base of surface casing.
FDC/DSN/GR/caliper from TD to 3100'.
Continue caliper to desired top of cement.
CORES: None are anticipated.
SAMPLES: Collect 30' samples from below surface casing to 4350'±. Collect 10'
samples from 4350'± to TD.
admitted if the 4000 is to 10.
FORMATION TESTS: None are anticipated.
MUD LOGGING: (Includes services & depth): From 4350'± to TD.
MOD LOGGING: (Includes services & depth): From 4550 2 to 1D.
DETECTION & CONTROL EQUIPMENT: 11" 3000 psig BOP with blind and pipe rams.
11" Annular Preventor. 11" rotating head. Test manifold & BOP's to 3000 psig,
annular preventor to 1500 psig, surface casing to 1500 psig.
Use certified pressure testing service company and leave a copy of the
test chart in the doghouse until rig down.
COMPLETION PROGRAM: To be submitted at a later date.
OTHER SERVICES: None are anticipated.

JUL 0 & 1993

DIVISION OF C'.L. GAS & MININC DRILLING PROGRAM

WELL NAME: Chapita Wells Unit 363-14N

FORMATION TOPS & DEPTHS (TENTATIVE)

FORMATION NAME & TYPE ESTIMATED DEPTH (EL) DATUM THICKNESS & REMARKS

See attached Prognosis.

X-MAS	TREE:	11"	3000#	weld	on	casing	head	, 7-1/16"	5000#	x	11"	3000#	tubing
		spoc	1, 2-	1/16"	500	0 ≠ mas	ter v	alves.					

MUD PROGRAM

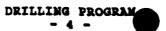
DEPTH	IN	PERV AL	MUD WEIGHT	VIS	WL (cc)	TYPE OF MUD.
0'	to	240'				Air
240′	to	4000'				Air/Mist to Aerated Water
4000′	to	TD				Aerated 3% KCl water or KCl substitute.
	TD		8.5-8.9	38-45	10-15	Gel/polyacrylamide polymer w/5-10% LCM.

DRILLING HAZARDS & SPECIAL INSTRUCTIONS

Lost circulation from 1500' to 3000't. Underbalanced circulation system will require rotating head. Potential gas kicks in Green River and Wasatch. Potential shale swelling/sloughing problems. Meter air & add foamer to maximize consistency of returns & maintain stable pit levels. Utilize pack off head while running open hole logs. Pre-mix 500-600 bbls mud & TD as above & displace hole prior to tripping for logs.



DIVISION OF C''. GAS & MININC



WELL NAME: Chapita Wells Unit 363-14N

CEMENT PROGRAM

HOLE	CASING SIZE	DEPTH	CEMENT PROCEDURE
12 ¹ / ₄ *	8 % #.	240′	Cement w/110 sx Class "G" cement + 2% $CaCl_2 + \frac{1}{4}$ /sx celloflake. Circulate gelled water ahead of slurry.
7% ^N	4½"	7000′	Cover interval from TD to 4500'± w/50/50 Pozmix + 2% gel + 10% salt. Volume to be calculated from caliper log annular volume to 4500' plus 10% excess. Cover interval from 4500'± to depth specified in conditions of approval with light cement plus specified additives. Volume to be calculated from caliper log annular volume from 4500'± to applicable upper depth plus 5% excess. Circulate casing 2 hrs before cementing. Reciprocate casing during cementing. Pump 10 bbls mud flush ahead of slurry.

CASING PROGRAM

SIZE	INT FROM	ERVAL TO	LENGTH	#/FT.	WEIGHT GRADE	THREAD	MINIMUM COLLAPSE (psig)	SAFETY BURST (psig)	TENSILE
8-5/8"	0'	240'	240'	24.0	J-55	ST&C	1 370	2950	263,000
4-1/2"	0'	7000′	7000′	10.5#	J-55	ST&C	4010	4790	146,000

SURVEY SCHEDULE

DEPTH	DISTANCE BETWEEN SURVEYS	MAX DEVIATIONS FROM VERTICAL	MAXIMUM CHANGE DEGREES/100'
0' to 240'	240′	1 degree	1 degree
240' to TD	500' (or as needed)	6 degrees	1 degree

JUL 0 8 1993

DIVISION OF C!L GAS & MININC

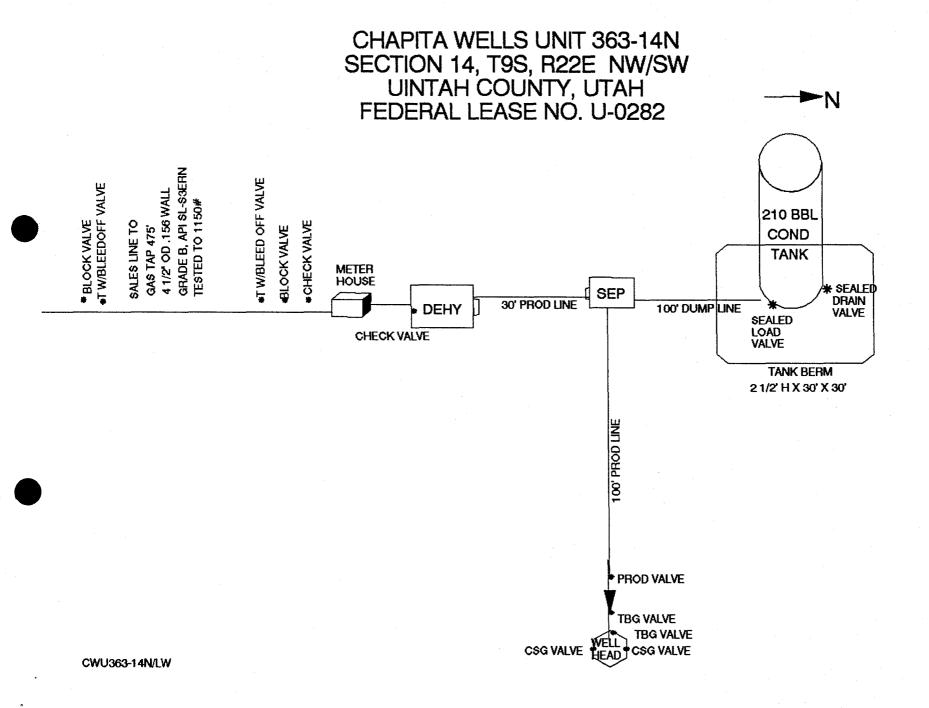
PREPARED BY:

APPROVED BY:

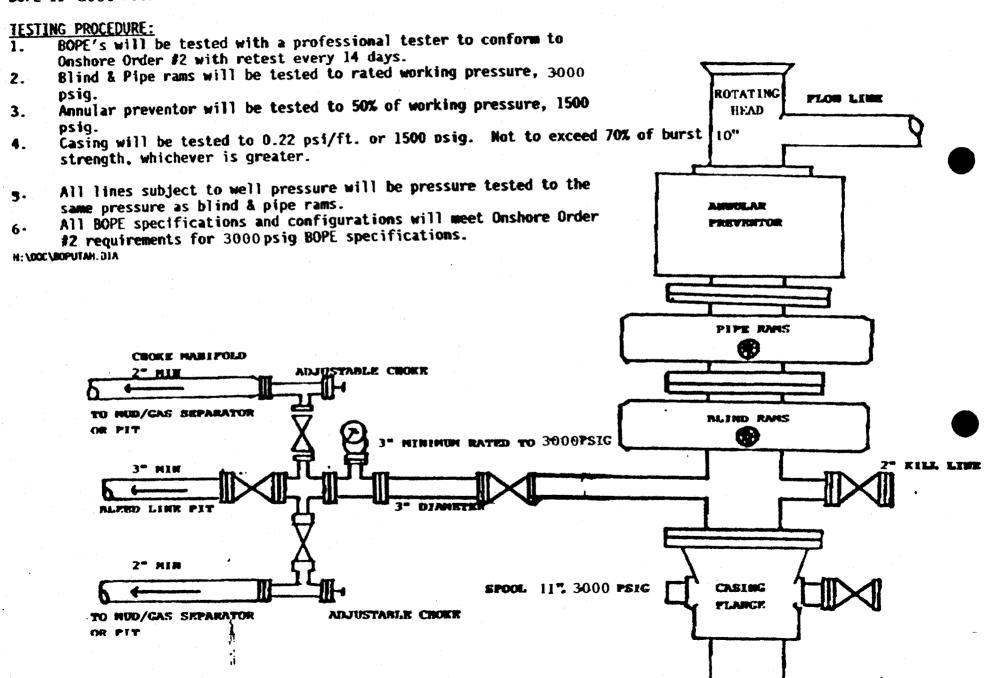
Prabec, Division Drilling Manager

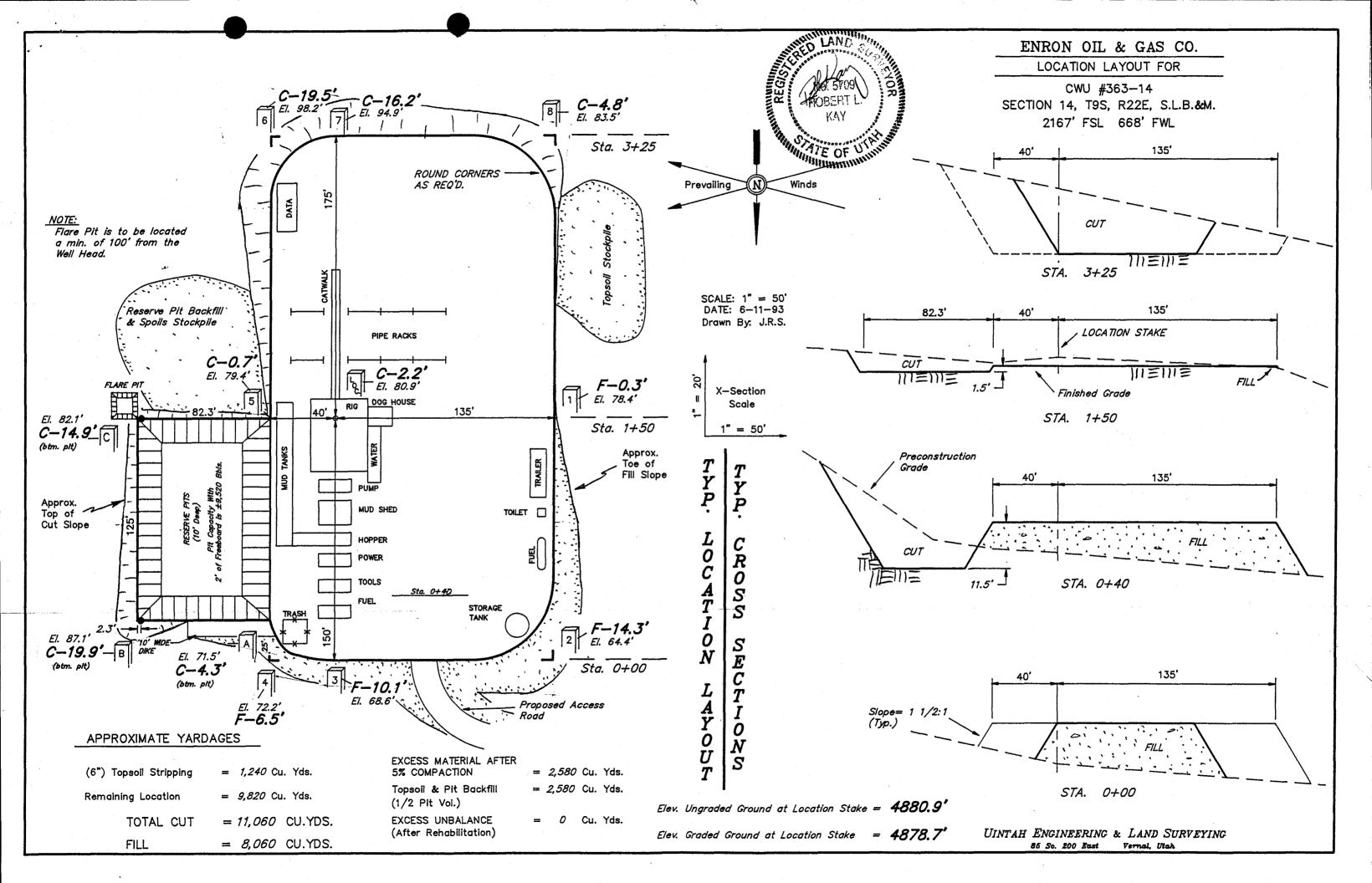
Parsons, Division Drilling Manager

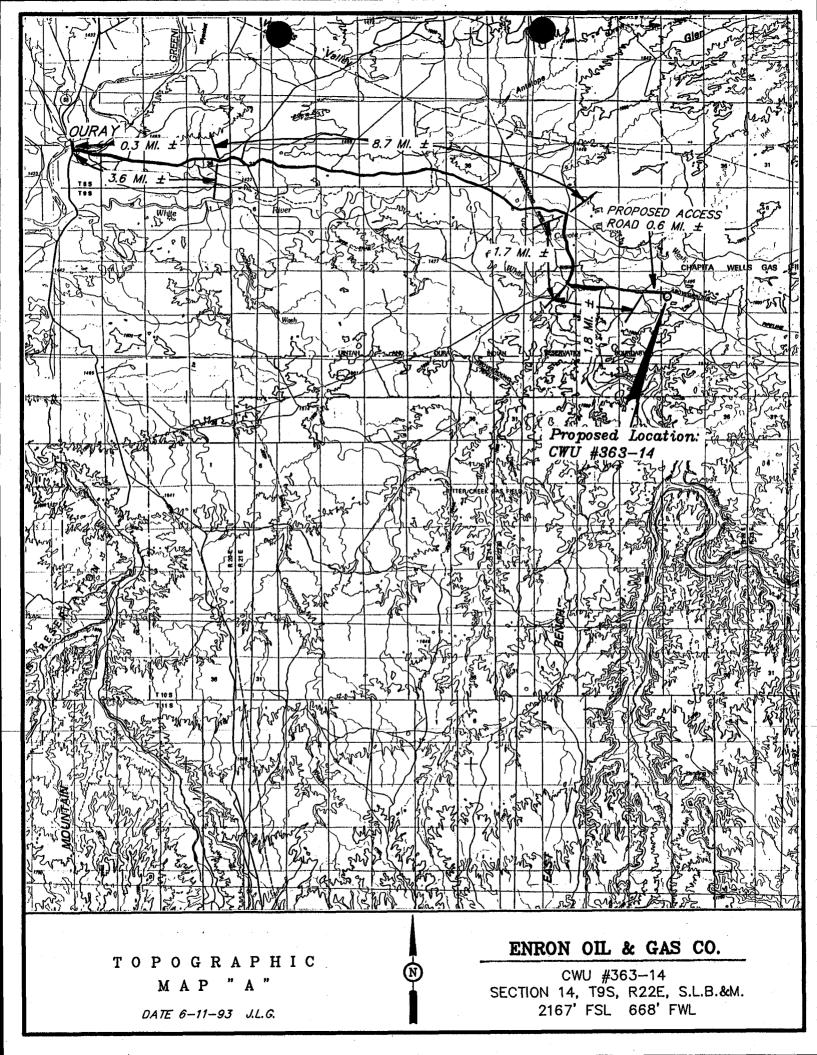
RGT(CWU-363)

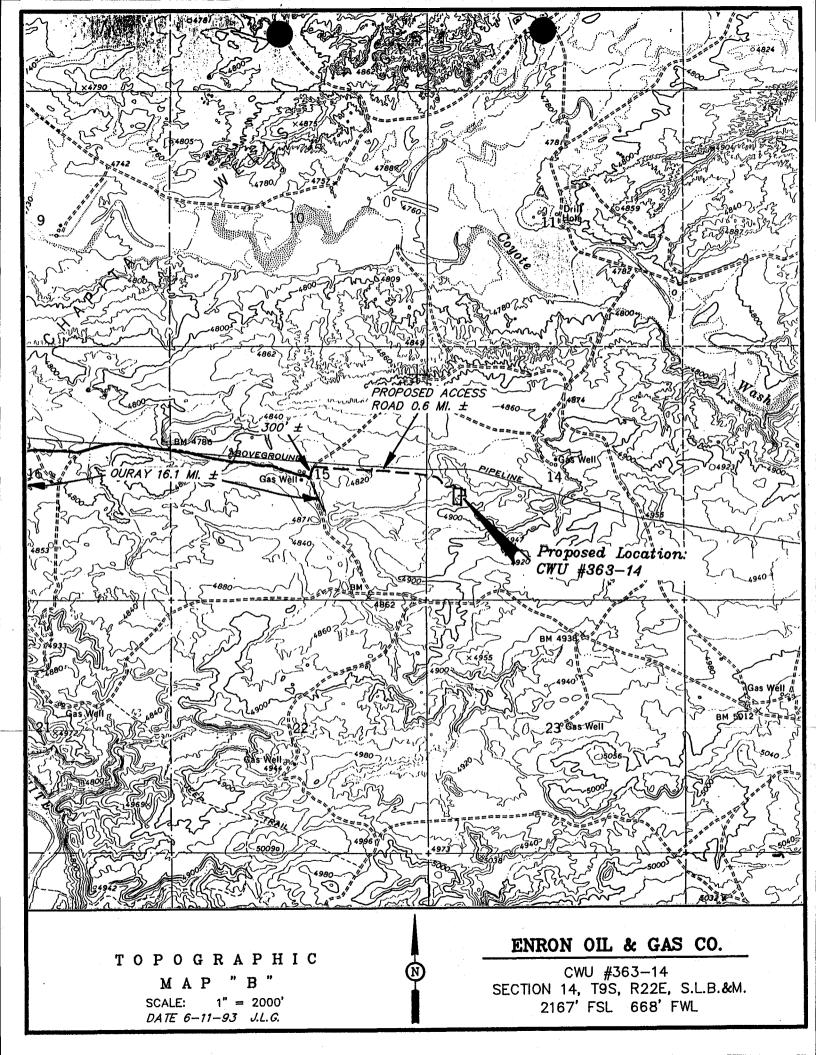


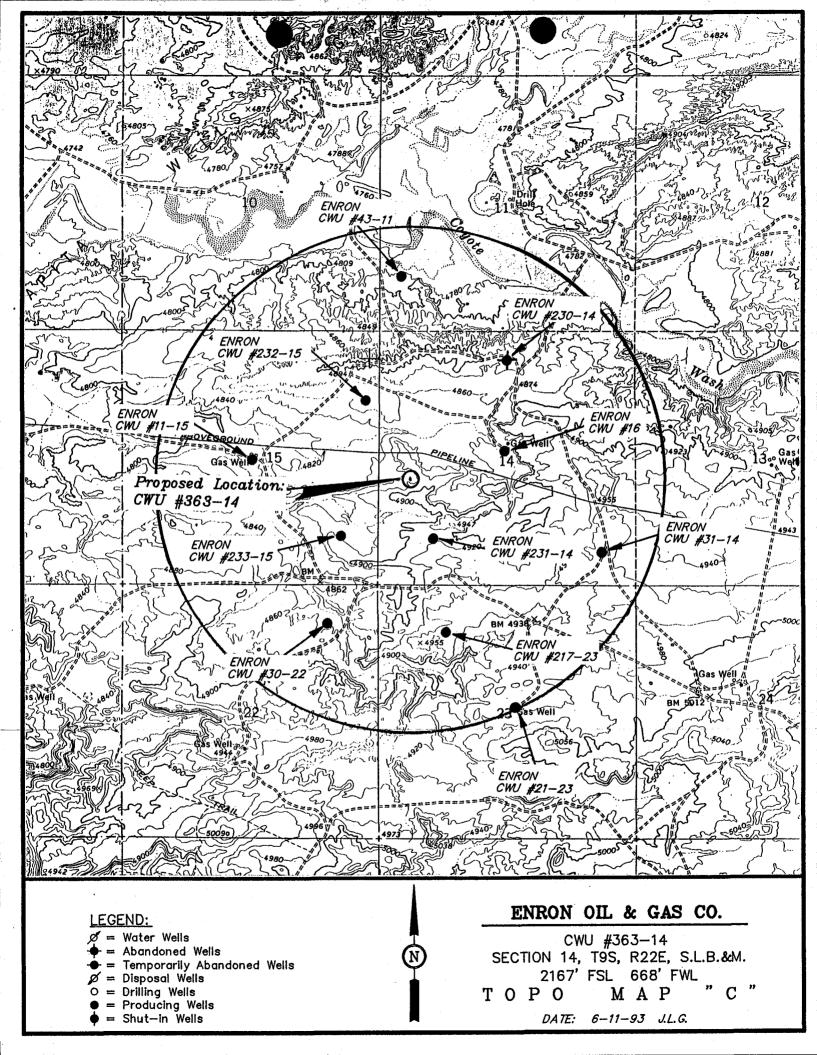
ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. CASING FLANGE IS 11° 3000 PSIG RATED. BOPE 11° 3000 PSIG

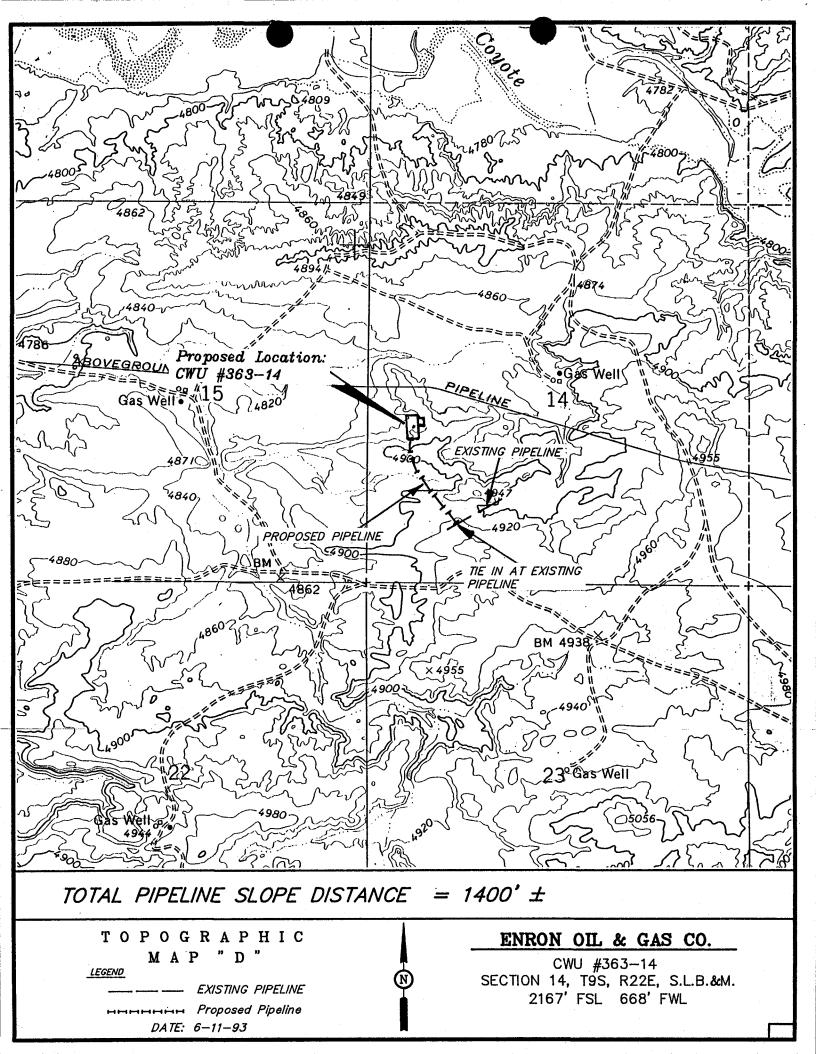












WORKSHEET APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 07/08/93

OPERATOR: ENRON OIL AND GAS COMPANIELL NAME: CWU 363-14N	NY OPERATOR ACCT NO: N- 0401
арі no. assigned: 43 -047 - 30	435
LEASE TYPE: FED LEASE NO: LOCATION: NWSW 14 - T09S - R22E FIELD: NATURAL BUTTES (630)	UINTAH COUNTY
Plat Bond (Number four) Potash (Y/N) Oil shale (Y/N) Water permit (Number 49.150) RDCC Review (Y/N) (Date:	LOCATION AND SITING: R649-2-3. Unit: Chapita Will R649-3-2. General. R649-3-3. Exception. Drilling Unit. Board Cause no: Date:
comments: Uneluded in POD	approduct 6.11.93
STIPULATIONS:	
lintal audio	
3	



DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax)

July 12, 1993

Enron Oil & Gas Company P.O. Box 1815 Vernal, Utah 84078

Gentlemen:

Chapita Wells Unit #363-14N Well, 2167' FSL, 668' FWL, NW SW, Sec. 14, T. 9 S., Re: R. 22 E., Uintah County, Utah

Pursuant to Utah Code Ann. § 40-6-18, (1953, as amended), Utah Admin. R. 649-2-3, Application of Rules to Unit Agreements and R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

- Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and 1. Gas Conservation General Rules.
- 2. Notification within 24 hours after drilling operations commence.
- Submittal of Entity Action Form, Form 6, within five working days following 3. commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
- Submittal of the Report of Water Encountered During Drilling, Form 7. 4.
- Prompt notification prior to commencing operations, if necessary, to plug 5. and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.



Page 2 Enron Oil & Gas Company Chapita Wells Unit #363-14N Well July 12, 1993

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-047-32435.

Sincerely,

R.J. Firth د

Associate Director, Oil and Gas

Natthews

ldc

Enclosures

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Bureau of Land Management

Uintah County Assessor

J.L. Thompson

WOI1

Form 3160-3 (November 1983)

(Other instructions on reverse side) UNITED STATES

SUBMIT IN TRE

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

(IORDERLY 9-331C)	DEPARTMENT	OF THE IN	TERIOR	ſ	5. LEASE DESIGNATION AND SERIAL NO.
	BUREAU OF	LAND MANAGE	MENT		U-0282
APPLICATION			EPEN, OR PLUG I	3ACK	6. IF INDIAN, ALLOTTED OR TRIBE NAME
1a. TTPE OF WORK		A == == 1 []	DI LIC DA		7. UNIT AGREEMENT NAME
		DEEPEN [PLUG BA	CK L	CHAPITA WELLS UNIT
b. TYPE OF WELL	A8 😯		SINGLE MULTI	LE	8. FARM OR LEASE NAME
WELL W	VELL X OTHER		ZONE ZONE		CHAPITA WELLS UNIT
2. NAME OF OPERATOR					9. WELL NO.
	GAS COMPANY	· <u></u>	·		363-14N
3. ADDRESS OF OPERATOR	4.5	04050			10. FIELD AND POOL, OR WILDCAT
P.O. BOX 18	15, VERNAL, U	J'I'AH 84078	54.4		CWU/WASATCH
4. LOCATION OF WELL (R	seport location clearly and	in accordance with	any State requirements.		
2167' FSL &	668' FWL NV	/SW			11. SEC., T., R., M., OR BLK. AND SURVEY OR ABEA
At proposed prod. 201			01771170	_	CEG 14 HOC DOOR
· ·			047-32435		SEC. 14, T9S, R22E
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POST	OFFICE*	.	12. COUNTY OR PARISH 13. STATE
16.7 MILES	SOUTHEAST OF				UINTAH UTAH
15. DISTANCE FROM PROPOLOCATION TO NEARES	used*	1	6. NO. OF ACRES IN LEASE		F ACRES ASSIGNED
PROPERTY OR LEASE I	LINE, FT.	668'	2440		80
18. DISTANCE FROM PROI	OSED LOCATIONS	1	9. PROPOSED DEPTH	20. ROTAR	Y OR CABLE TOOLS
TO NEAREST WELL, DOE APPLIED FOR, ON TH	RILLING, COMPLETED, IS LEASE, FT.	1356'±	7000'	RO	PARY
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)				22. APPROX. DATE WORK WILL START*
4879' GRADE	D GROUND				AUGUST 1993
23.	P	ROPOSED CASING	AND CEMENTING PROGR.	AM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	BETTING DEPTH		QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	240'	125 9	SX CLASS "G" + 2% CaCl
7 7/8"	4 1/2"	10.5#	7000'		#/SX CELLOFLAKE. 50/5
SEE ATTACHM 8 POINT PLA			AUG 0 3 1993	LIGHT LIGHT + LCI	IX + 2% GEL + 10% SALT OO' ABOVE ALL ZONES NTEREST (+ 10% EXCESS) I CEMENT (11 PPG±) M TO 200' ABOVE OIL E OR FRESH WATER
DRILLING PR			DIVISION OF	INTE	RVALS (+ 5% EXCESS).
BOP SCHEMAT					
	AND OPERATIN	IG PLAN	OIL GAS & MININ	lla p	RECEIVED
LOCATION PL					
LOCATION LA			•		JUN 2 4 1993
	MAPS "A", "E	B" AND "C"	and the second of the second		
WELLSITE SC			ENRON OIL	GAS	COMPANY WILL BE THE
	MAP "D" GAS	SALES	DESIGNATED	OPERA	TOR OF THE SUBJECT
PIPELINE		,			N WIDE BOND #81307603.
	drill or deepen directions	proposal is to deepen lly, give pertinent d	or plug back, give data on p ata on subsurface locations a	resent produ nd measured	active sone and proposed new productive and true vertical depths. Give blowout
81GNED HAIN	la L'Island	TITLE	SR ADMIN. CLI	ERK	6/24/93
(This space for Fede	eral or State office use)				
056345 VA	1	*.	APPROVAL DATE		
PERMIT NO.	00011		ASSISTANT DISTRICT		
APPROVED BY	ALLE ANT:	TITLE	MANAGER MREPALS		AUG 0 2 1993

NOTICE OF APPROVAL

*See Instructions On Reverse Side

WELL LOCATION INFORMATION

Company/Operator: Enron Oil and Gas Company

API Number 43-047-32435

Well Name & Number: 363-14N

Lease Number: U-0282

Location: NWSW Sec. 14 T.9 S. R.22 E.

Surface Ownership: Federal

Date NOS Received June 7, 1993

Date APD Received June 24, 1993

NOTIFICATION REQUIREMENTS

Location - Construction	at least forty-eight (48) hours prior to construction of location and access roads.
Location - Completion	prior to moving on the drilling rig.
Spud Notice -	at least twenty-four (24) hours prior to spudding the well.
Casing String and - Cementing	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related - Equipment Tests	at least twenty-four (24) hours prior to initiating pressure tests.
First Production - Notice	within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. <u>DRILLING PROGRAM</u>

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for a 2M system for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

At a minimum, the surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the usable water zone, identified at \pm 454 ft. or by setting the surface casing to 500 ft. and having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone identified at \pm 2,429 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 254 ft. or if the surface casing is set at \pm 500 ft then the CBL shall be run from the production casing shoe to \pm 2,229 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations. Operator shall report production data to MMS pursuant to 30 CER 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrogarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160.5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

Surface Use Plan of Operations

The reserve pit shall be lined with a plastic nylon reinforced liner. It will be a minimum of 10 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

OIL & GAS COMPANY

P.O. BOX 1815, VERNAL, UTAH 84078 (801)789-0790

August 27, 1993



Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078

DIVISION OF OIL, GAS & MINING

RE: CHAPITA WELLS UNIT 363-14N SEC. 14, T9S, R22E UINTAH COUNTY, UTAH LEASE NO. U-0282

Attn: Ed Forsman:

Dear Mr. Forsman:

Please find attached 3 (three) Sundry Notices proposing to change the surface casing on subject well.

If you have any questions or need additional information, please contact this office.

Very truly yours,

ENROW OIL & GAS COMPANY

George R. McBride

Sr. Production Foreman

Division of Oil Gas & Mining cc:

Curt Parsons

Doug Weaver/Toni Miller

Diane Cross - Houston EB-2370

File

/lwSundry

Form 3160-5 (June 1990)

Do

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No. U-0282

6. If Indian, Allottee or Tribe Name

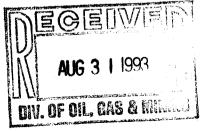
SUNDRY NOTICES AND REPORTS ON WELLS
not use this form for proposals to drill or to deepen or reentry to a different reservoir.
USA "APPLICATION FOR PERMIT—" for such proposals

SUBMIT	7. If Unit or CA, Agreement Designation	
1. Type of Well Oil Gas Well Well Other 2. Name of Operator ENRON OIL & GAS COMPANY 3. Address and Telephone No. P.O. BOX 1815, VERNAL, U. 4. Location of Well (Footage, Sec., T., R., M., or Survey D. 2167' FSL & 668' FWL NW SEC. 14, T9S, R22E	CHAPITA WELLS UNIT 8. Well Name and No. CWU 363-14N 9. API Well No. 43-047-32435 10. Field and Pool, or Exploratory Area CWU/WASATCH 11. County or Parish, State UINTAH, UTAH	
12. CHECK APPROPRIATE BOX	(s) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
X Notice of Intent	Abandonment Recompletion	Change of Plans New Construction
Subsequent Report	Plugging Back Casing Repair	Non-Routine Fracturing Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Enron Oil & Gas Company proposes to change the surface casing on the subject well from 8 5/8" 24.0# J-55 STC 1370 PSI 2950 PSI 263,000# to:

9 5/8" 36.0# J-55 STC 2020 PSI 3520 PSI 423,000#



ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIVISION	OF OIL, GAS AND MINING
ENTITY	ACTION FORM - FORM 6

OPERATOR ENRON OIL & GAS COMPANY P.O. BOX 1815 ADDRESS VERNAL, UTAH 84078

			-11
			N 0401
OPERATOR	ACCT.	NO.	NUZUL
	,		

	,	, , , , , , , , , , , , , , , , , , , 										
ACTION	CURRENT	NEW	API NUMBER	WELL NAME				WELL	LOCATIO	Y	SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.				QQ	SC	TP	RG	COUNTY	DATE	DATE
В	04905 —	7	43-047-32435	CHAPITA WELLS UNI	T 363-14 N	NWSW	14	9S	22E	UINTAH	9/17/93	9/17/93
WELL 1 C	OMMENTS:	+ 1.1.	11. 1 ane as	· colonite us	ella Ilust							
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WELL 2 C	OMMENTS	<u> </u>]		<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>
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WELL 4 CO	OMMENTS:	• .						•			•	
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WELL 5 CO	DIMMENTS:		,			<u> </u>			<u> </u>			
								•				
					•					•		
ACTION CO	DDES (See in	structions	on back of form)				~~~			1/	0 0	
В	. Add new we	ell to exist	for new well (sin ing entity (group	or unit well)						Signature	la Li	Vall
C	· Re-assign	well from o	ne existina entit	y to another existing e y to a new entity	ntity						N CIEDV	9/20/93
Ē	Other (ove	lain in ion	manks anakies'	y co a new energy						SR. ADMII	IN. CLIERK	9/20/93

E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

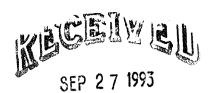
SR. ADMIN. CLERK

Phone No. (801) 789-0790

ENRON B. Gas Comp

Oil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331



September 20, 1993

DIVISION OF OIL, GAS & MINING

Mr. Ed Forsman Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078

RE: SPUDDING

CHAPITA WELLS UNIT 363-14

LEASE: U-0282 SEC. 14, T9S, R22E UNITAH COUNTY, UTAH

Dear Mr. Forsman:

Please find attached a Sundry Notice for the spudding of the subject well.

If further information is required, please contact this office.

Sincerely,

C.C. Parsons

Division Operations Manager

kt

cc: "Utah Board of Oil, Gas and Mining

D. Weaver T. Miller Vernal Office

File

FORM 3160-5 UNITED STA	TES	RM APPROVED			
(December 1989). DEPARTMEN F TH	E INTERIOR	Adget Bureau No. 1004-0135			
BUREAU OF LAND M		Expires September 30, 1990			
•		5. Lease Designation and Serial No.			
SUNDRY NOTICE AND REI	PORTS ON WELLS	U-0282			
Do not use this form for proposals to drill or to de	epen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name			
Use "APPLICATION FOR PERMIT -	-" for such proposals"				
SUBMIT IN TRI	PLICATE	7. If Unit or C.A., Agreement Designation			
1. Type of Well					
Oil Gas		CHAPITA WELLS UNIT			
Well X Well	Other	8. Well Name and No.			
2. Name of Operator					
ENRON OIL & GAS COMPANY		CHAPITA WELLS UNIT 363-14			
3. Address and Telephone No.	· · · · · · · · · · · · · · · · · · ·	9. API Well No.			
P.O. BOX 250, BIG PINEY, WY 83113	(307) 276-3331	43-47-32435			
4. Location of Well (Footage, Sec., T., R., M., or Survey I		10. Field and Pool or Exploratory Area			
	•	CHAPITA WELLS/WASATCH			
2167' FSL - 668' FWL NW/SW		11. COUNTY STATE			
SECTION 14, T9S, R22E		UINTAH UTAH			
12. CHECK APPROPRIATE BOX(s) TO INDICATE NAT	URE OF NOTICE, REPORT, OR OTHE	ER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION	МС			
		-			
NOTICE OF INTENT	ABANDONMENT	CHANGE OF PLANS			
	RECOMPLETION	NEW CONSTRUCTION			
X SUBSEQUENT REPORT	PLUGGING BACK	NON-ROUTINE FRACTURING			
	CASING REPAIR	WATER SHUT-OFF			
FINAL ABANDONMENT NOTICE	ALTERING CASING	CONVERSION TO INJECTION			
	X OTHER SPUDDING				
	(Note: Report results of multiple complete				
13. Describe Proposed or Completed Operations (Clearly state all pertin	or Recompletion Report and Log Forest details and size pertinent dates, including set				
is directionally drilled give subsurface locations and measured and to	rue vertical depths for all markers and zones pertin	ment to this work).			
is unconstant, and a give a series and a series are a series and a ser	•	,			
Enron Oil & Gas Company spudded a 12-1/4"	surface hole at the subject location	on at 11:00 am, 9/17/93.			
The contractor was Leon Ross Drilling & Cons					
and Frank Mathews of the UOGM were notife	d of the spud on 9/17/93.				
	•				

14. I heeby certify that the foregoing is true and correct.

SIGNED TITLE Engineering Clerk DATE 09/20/93

(This space for Federal or State office use)

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF	COMPANI.	ENRON	, , , , , , , , , , , , , , , , , , ,				
WELL NZ	AME: CHAP	ITA WELLS I	JNIT 363-	14N			
API NO	43-04	47-32435		· · · · · ·			
Section	n <u>14</u>	_ Township_	9S	Range_	22E	County_	UINTAH
Drillin	ng Contra	ctor	CHANDLER			<u> </u>	
Rig #		1	_	٠			
SPUDDEI	Date_	10/2/93					
	Time_	10:00 AM					
	How_D	RY HOLE					
Drilli	ng will co	ommence					
Report	ed by ED !	TROTTER		<u> </u>			
Telepho	one #	1 <u>-789-0790</u>			<u> </u>		
Date	10/4/93		STG	NED	J	LT	

ENRONOil & Gas Company

P.O. Box 250 Big Piney, Wyoming 83113 (307) 276-3331



OCT 2 8 1993

October 25, 1993

DIVISION OF OIL, GAS & MINING

Mr. Ed Forsman Bureau of Land Management Vernal District 170 South 500 East Vernal, Utah 84078

RE: AMENDED SPUD DATE

CHAPITA WELLS UNIT 363-14

LEASE: U-0282 SEC. 14, T9S, R22E UNITAH COUNTY, UTAH

Dear Mr. Forsman:

Please find attached a Amended Sundry Notice for the spudding of the subject well.

If further information is required, please contact this office.

Sincerely,

C.C. Parsons

Division Operations Manager

kt

cc: Utah Board of Oil, Gas and Mining

D. Weaver T. Miller Vernal Office

File

FORM 3160 5 AMENDED (December 1989)

BUREAU OF LAND MANAGEMENT

5.	Lease Designation and Serial P	10
	<i>U</i> -0282	

5.	Lease Designation and Serial No
	U-0282

RM APPROVED

udget Bureau No. 1004-0135

Expires September 30, 1990

SUNDRY NOTICE AND REPORTS	U-0282	
Do not use this form for proposals to drill or to deepen or	6. If Indian, Allottee or Tribe Name	
Use "APPLICATION FOR PERMIT		
SUBMIT IN TRIPLIC	7. If Unit or C.A., Agreement Designation	
1. Type of Well		
Oil Gas		CHAPITA WELLS UNIT
Well X Well	Other	8. Well Name and No.
2. Name of Operator		
ENRON OIL & GAS COMPANY		CHAPITA WELLS UNIT 363-14
3. Address and Telephone No.		9. API Well No.
P.O. BOX 250, BIG PINEY, WY 83113	(307) 276-3331	43-47-32435
4. Location of Well (Footage, Sec., T., R., M., or Survey Descrip	tion)	10. Field and Pool or Exploratory Area
		CHAPITA WELLS/WASATCH
2167' FSL - 668' FWL NW/SW		11. COUNTY STATE
<u>.</u>		·
SECTION 14, T9S, R22E		UINTAH UTAH
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE O	F NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION	4
		_
NOTICE OF INTENT	ABANDONMENT	CHANGE OF PLANS
* <u></u>	RECOMPLETION	NEW CONSTRUCTION
X SUBSEQUENT REPORT	PLUGGING BACK	NON-ROUTINE FRACTURING
	CASING REPAIR	WATER SHUT-OFF
FINAL ABANDONMENT NOTICE	ALTERING CASING	CONVERSION TO INJECTION
	X OTHER SPUDDING	

(Note: Report results of multiple completion on Well Completions

or Recompletion Report and Log Form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

Enron Oil & Gas Company spudded a 12-1/4" surface hole at the subject location at 10:00 am, 10/02/93. The contractor was Leon Ross Drilling & Construction, Inc. Ed Forsman of the BLM District and Frank Mathews of the UOGM were notifed of the spud on 10/2/93.



OCT 2 8 1993

DIVISION OF OIL, GAS & MINING

14. I heeby certify that the foregoing is to SIGNED	TITLE	Engineering Clerk	DATE	10/25/93
(This space for Federal or State office use)			
APPROVED BY	TITLE	<u> </u>	DATE	
CONDITIONS OF APPROVAL, IF ANY	•			
Title 18 U.S.C. Section 1001, makes it a c United States any false, fictitious or fraud	rime for any person knowingly and			

UNITED STATES

		_		
Experse	August	31.	1985	

U-0282 6. MINDIAN, ALLOTTEE OR TRIBE NAME

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

UEC 0 6 1995

7. UNIT AGREEMENT NAME

 CITA		A. A.A.	ELLO	OLABI
 8. FARM	OR LEAS	ENAMI	3.	

									8. FARM OR I	EASE NAME		
WELL	COMPL	ETION (OR RECOMP	LETI	ON RE	POR ¹	FAND	LOG*	CHAPI	TA WE	LLS UN	JIT.
a. TYPE OF WEL	L:					1	GAS	ä vale	WELL NO.			
		OII	L WELL GAS WEL	ТХ	DRY	1 1	OTHER		363-1			
t. TYPE OF COME	PLETION:				1					D POOL, OR V		
NEW WELL	X work o	VER DE	EPEN PLUG BACI	K	DIFF.RES.		OTHER			VASAT	FCH.	
2. NAME OF OPE	RATOR								11. 36301	.m., UK BUCA	E VIND SORA!	21
		ENRON C	OIL & GAS CO	MPAI	NY						T9S, F	
3. ADDRESS OF O		D O DOV	, 0EO - DIO DI	B (C\/	14/3/08/	UNIC	02112		12 COUNTY			13. STATE
4 LOCATION OF	WELL (Report local	P.O. BOX	(250 BIG PI ordance with any State requirement	IVEY,	VVYOIV	IIIVG	03113		UINTA			UTAH
At surface		- 668' FWL		,					43-047-3	2435		
	terval reported below								DATE PERMI	r issued		
At total depth									7/12/93		<u> </u>	
15. DATE SPUDDE	ED .	16. DATE T.D. REA	ACHED	17. DATE	COMPL. (Ready	to prod.)	18. ELEVATION	S (DF,RKB,RT,G		19. ELEV. CAS	SINGHEAD	
10/2/93	Ē	10/22/	93		P&A'D		48	90' KB	ſ	4879	PGL	
20. TOTAL DEPTH	, MD & TVD	21. PLUG, BACK T	.D., MD & TVD	1	22. IF MULTIPI	E COMPLE	TIONS, HOW M	IANY7	23. MOTARY T	OOLS	I	CABLE TOOLS
7000)'					P&A'E)					
		HIS COMPLETION.	TOP, BOTTOM, NAME (MD A	ND TVD)*	<u> </u>					25. WAS	DIRECTIONAL	SURVEY MADE?
		P&A'D								Ì		NO
26. TYPE ELECTR	IC AND OTHER LC	GS RUN	and the second s						· · · · · · · · · · · · · · · · · · ·	27 . WAS	WELL CORE	n
	DLL/FI	C/DSN/GR-	CALIPER /Z	-3-9) 3							NO
28.					CASING RE	CORD (I	Report all str	ings set in we	II)			
CASING SIZE	WEIGHT, LB.	/FT.	DEPTH SET (MD)		HOLE S	IZE	CEMENTING	G RECORD				AMOUNT PULLED
9-5/8"	36.0#		235'		12-1/4"		125 SX C	LASS "G"				NONE
												2.5
29.		LINER	RECORD			30.			TUBING R	ECORD		
STZE	TOP (MD)	BOTTOM (A	AD) SACKS CEM	ENT SC	REEN (MD)	SIZ	E		DEPTH SET	MD)		PACKER SET (MD)
									P&A'D			
									-			
31. PERFORATION	N RECORD (Interval	, size and number)				32.	A	CID, SHOT,	FRACTUR	, CEMEN	T, SQUEE2	Œ, ETC.
						DEPTH	INTERVAL (MD)	INA THUOMA	KIND OF MA	TERLAL USED	
P&A'D								P&A'I)			
												·
											·	
					سندند سددن		والمسادر المسادات		S.			
33.•						PRODU	CTION					· · · · · · · · · · · · · · · · · · ·
DATE FIRST PRO	DUCTION	PRODUCTION ME	THOD (Flowing, gas lift, pumpi	ng-size and t	type of pump)					WELL STATU	S (Producing or	shut-in)
P&A'D DATE OF TEST	HOURS TI	ESTED CHO	N/A KE SZZE PROD'N FOR		OIL BB	L		GAS-MCF.		WA	P&A'D	GAS-OIL RATIO
N/A			TEST PERIOD									
FLOW, TUBING F	PRESS. CASI	NG PRESSURE	CALCULATEED	J	OIL-BE	II.	GAS-1	MCF.	WATE	t-BBL.	OIL C	RAVITY-API (CORR.)
			24-HOUR RATE									
34. DISPOSITION	OP GAS (Sold, used	for fuel, vented, etc.)							TEST WITNE	SSED BY		
25 1100 00 100	ACUMPAIRE	· · · · · · · · · · · · · · · · · · ·	N/A									
35. LIST OF ATTA	CIMEN 13		NONE									
36. I hereby cortify	that the foregoing an	d attached information	is complete and correct as determ	nined from e	il available record	b.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
SIGNED	100	VICE	121201				ENGIN	EERING CI	ERK		DATE	12/03/93



General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State Sive and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Pederal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

Hem 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements gives in other spaces on this form and is any attachments.

Rems 22 and 24: If this will is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and is item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in tiem 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: Sacks Ce Attached supplemental records for this well should show the details of any multiple stage consenting and the location of the consenting tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by tis application. AUTHORITY: 30 U.S.C. 181 et. seq., 25 U.S.C. et. seq., 43 CFR 3160

PRINCIPLE PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation escourtered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions. EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of its information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and producing oil and gas on Federal and indian oil and gas leases.

This information will be used to analyze operations and compare equipment and procedures actually used with the proposals applied for.

Response to this request is mandatory once an oil or gas well is drilled.

SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures,		ll important zones of porosity drill-stem tests, including depth	38 GEOLOGIC MARKERS						
interval tested, cushion used, time tool open, flowing and shut-in pressures,			flowing and shut-in pressures,	TOP					
and recoveries): FORMATION	TOP	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS, DEPTH	TRUE VERT. DEPTH			
FORMATION	101	10011011		GREEN RIVER BEND					
		ĺ		BASE M MARKER	4481'				
				N LIMESTONE	4703'				
				1	4705				
		-		WASATCH					
				PETER'S POINT	4852'				
				CHAPITA WELLS	5382'				
				BUCK CANYON	5942'				
				ISLAND	6865'				
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D STATES

(December 1989)	DEPARTMENT OF BUREAU OF LAND	Budget Bureau No. 1004-0135 Expires September 30, 1990				
			5. Lease Designation and Serial No.			
	SUNDRY NOTICE AND R		<i>U-0282</i>			
Do not use this		eepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name			
	Use "APPLICATION FOR PE	RMIT" for such proposals"				
	SUBMIT IN	TRIPLICATE	7. If Unit or C.A., Agreement Designation			
1. Type of Well	<u>.</u>		CHAPITA WELLS UNIT			
Oil	Gas	[]				
Well	X Well	Other	8. Well Name and No.			
2. Name of Operator ENRON OIL	& GAS COMPANY		363-14N			
3. Address and Telepl			9. API Well No.			
	0, BIG PINEY, WY 83113	(307) 276-3331	43-47-32435			
	Cootage, Sec., T., R., M., or Survey	Description)	10. Field and Pool or Exploratory Area			
2167' FSL - 668			CWU/WASATCH			
			11. COUNTY STATE			
SECTION 14, T9	S, R22E		'			
			UINTAH UTAH			
12. CHECK APPROP	RIATE BOX(8) TO INDICATE NA	TURE OF NOTICE, REPORT, OR OTHER DAT	ГА			
	F SUBMISSION	TYPE OF AC				
NOTICE OF	FINTENT	X ABANDONMENT	CHANGE OF PLANS			
		RECOMPLETION	NEW CONSTRUCTION			
X SUBSEQUE	NT REPORT	PLUGGING BACK	NON-ROUTINE FRACTURING			
		CASING REPAIR	WATER SHUT-OFF			
FINAL ABA	NDONMENT NOTICE	ALTERING CASING	CONVERSION TO INJECTION			
		OTHER				
		(Note: Report results of multiple com	pletion on Well Completions			
		or Recompletion Report and Lo				
13. Describe Proposed or C	completed Operations (Clearly state all pe	ertinent details and give pertinent dates, including estimated the second some pertinent	ted date or starting any proposed work it well			
is directionally drilled (give audeurtace locations and measured a	nd true vertical depths for all markers and zones pertine	se en enm myr			
Enron Oil & Ga	s Company plugged and aba	ndoned the subject well as follows:	f			
1. Placed Plug	#1 @ 4997-4700' w/170 sx cei	nent.				
	-		E 多葉 語言語的 書 <i>頭</i> 門 (4 を紹介も)			

- 2. Placed Plug #2 @ 2759-2365' w/124 sx cement.
- 3. Placed Plug #3 @ 490-183' w/132 sx cement.
- 4. Placed Plug #4 @ 61' to surface w/ 20 sx cement.
- 5. Dry hole marker installed 11/11/93.



FORM APPROVED

DEC 0 6 1993

OMISION MI[†] OIL, GAS & MARSIA

GNED A MA CONTROL OF THE STATE AND CONTROL OF THE STATE O	correct.	Engineering Clerk DATE	12/02/93
his space for Federal or State office use)			
PPROVED BY	TITLE	DATE	
ONDITIONS OF APPROVAL, IF ANY:			